

Amendments to the Claims

This listing of claims replaces all prior versions and listings of claims in the application:

1. (original) A glass batch based on a soda-lime-silica composition for obtaining a bulk-tinted amber glass, characterized in that said batch comprises, per 100% by weight of batch, 0.01% to 1% molybdenum disulfide by weight and 0.01% to 7% strontium sulfide by weight.
2. (original) A batch as claimed in claim 1, characterized in that the percent of strontium sulfide does not exceed 4% of the weight of the batch.
3. (previously presented) The batch as claimed in claim 1, characterized in that the percent of molybdenum disulfide does not exceed 0.3% of the weight of the batch.
4. (previously presented) The batch as claimed in claim 1, characterized in that the iron content of the batch is less than 0.04%.
5. (currently amended) The batch as claimed in claim 1, characterized in that the batch contains no free sulfur.
6. (previously presented) The batch as claimed in any claim 1, characterized in that it includes up to 0.2% aluminum in powder form.
7. (previously presented) An amber glass, characterized in that it is obtained by melting a batch as claimed in claim 1.
8. (currently amended) A bulk tinted amber glass obtained from a batch, said glass comprising, per 100% by weight of molten glass:

SiO ₂ :	65-72%
B ₂ O ₃ :	0.5-3%
Na ₂ O:	5-15%
K ₂ O:	5-15%

Li ₂ O:	0.2-2%
CaO:	1-5%
BaO:	0.5-4%
Al ₂ O ₃ :	0.5-3%
MoO ₃ :	0.05-0.5%
SO ₃ :	0.1-0.7%
SrO:	2-7%,

the MoO₃ and SO₃ being obtained from molybdenum disulfide MoS₂ and strontium sulfide SrS such that the MoS₂/SrS weight ratio in the batch is between 0.015 and 0.04.

9. (currently amended) The amber glass as claimed in Claim 8, characterized in that the MoS₂/SrS MoS₂/SrS ratio is between 0.015 and 0.025.

10. (currently amended) The amber glass as claimed in claim 9, characterized in that the batch contains no free sulfur.

11. (currently amended) A process for manufacturing a tube or a blank (2, 5, 6, 7, 29) made of amber glass from a batch based on a soda-lime-silica composition, characterized in that the batch is produced by adding to the composition comprising between 65 and 72% SiO₂ and between 5 and 15% Na₂O, per 100% by weight of batch, 0.01% to 1% molybdenum disulfide by weight and 0.01% to 7% strontium sulfide by weight, then the glass is produced in a furnace from said batch, and the tube or the blank is formed directly with its definitive color without any additional heat treatment other than controlled cooling in order to eliminate thermal stresses.

12. (original) The process for manufacturing a blank as claimed in claim 11, characterized in that the percent of strontium sulfide does not exceed 4% of the weight of the batch.

13. (previously presented) The process for manufacturing a blank as claimed in claim 11, characterized in that the percent of molybdenum disulfide does not exceed 0.3% of the weight of the batch.

14. (previously presented) The process for manufacturing a blank as claimed in claim 11, characterized in that the iron particles are eliminated magnetically so that the iron content of the batch is less than 0.04%.

15. (currently amended) The process for manufacturing a blank as claimed in claim 11, characterized in that the batch contains no free sulfur.

16. (previously presented) The process for manufacturing a blank as claimed in claim 11, characterized in that the shade of the tint of the glass is controlled by modifying the oxidation-reduction parameters inside the heating furnace by adjustment of the amount of a metal-powder-based reducing agent up to an amount of 0.3% by weight of the batch.

17. (previously presented) An amber glass bulb for a lighting system, obtained from a blank or a tube produced by the process as claimed in claim 11, for use as an automobile flasher or signaling means.